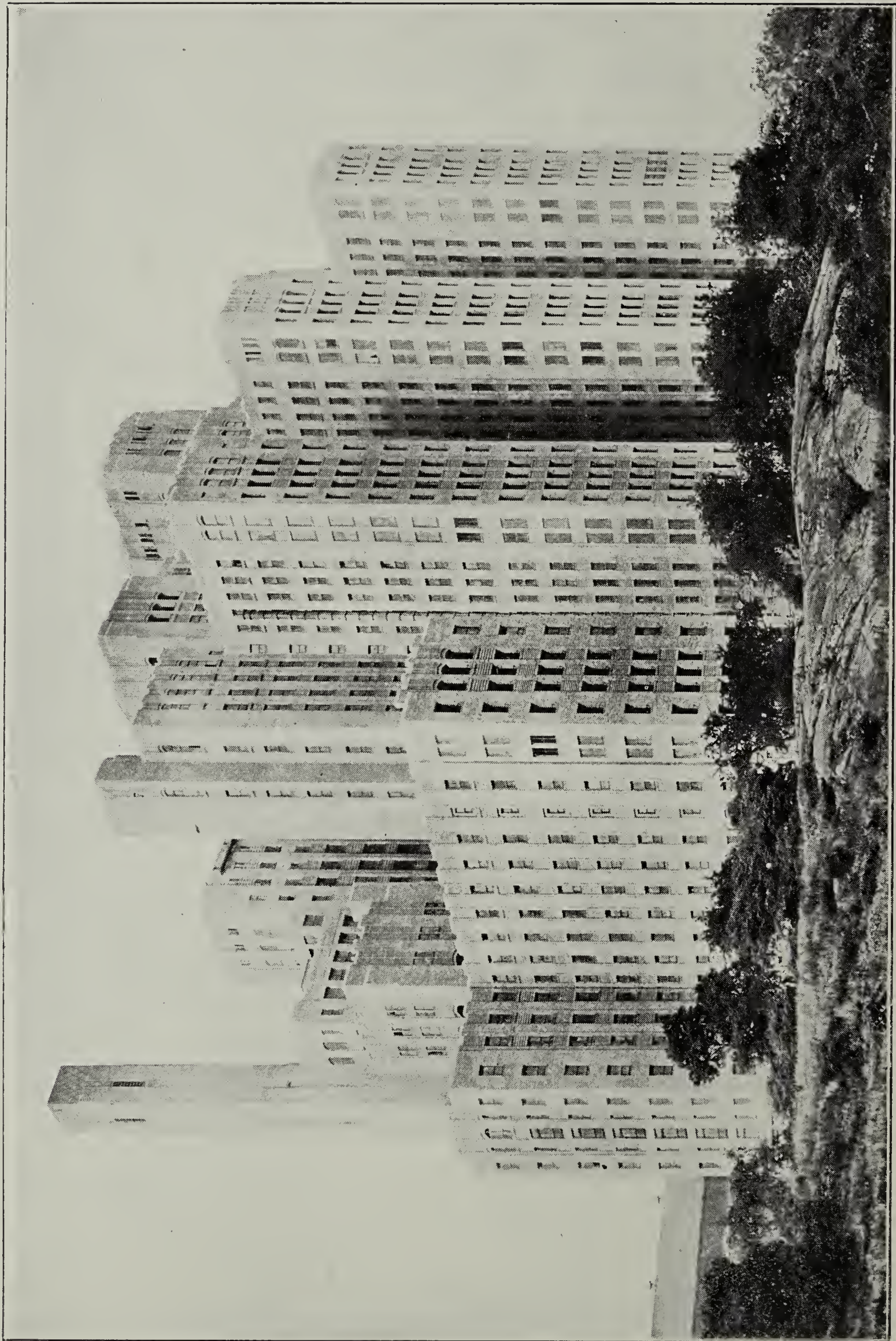


Announcement
of the
Presbyterian Hospital
School of Nursing
1936-1937



620 West 168th Street
New York City

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1936-1937



View of Presbyterian Hospital from Fort Washington Avenue

Announcement
of the
Presbyterian Hospital
School of Nursing
1936-1937



620 West 168th Street
New York City

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J. V. MOLDENHAWER, D.D.

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MOREAU DELANO
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RUSTIN MCINTOSH, M.D.

WALTER W. PALMER, M.D.
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ALLEN O. WHIPPLE, M.D.

MRS. STAUNTON WILLIAMS

Executive Vice-President

JOHN F. BUSH

Director of Nursing

HELEN YOUNG, R.N.

COLUMBIA UNIVERSITY

FACULTY OF MEDICINE

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Hon. D. (Paris)

President of the University

WILLARD COLE RAPPLEYE, A.M., M.D.

Dean

CHARLES A. FLOOD, A.B., M.D., Med.Sc.D.

Assistant Dean and Secretary

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FREDERICK TILNEY

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J. BENTLEY SQUIER

JAMES ALEXANDER MILLER

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ALPHONSE R. DOCHEZ

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ADOLPH ELWYN

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MARGARET E. CONRAD

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DANA W. ATCHLEY

DUDLEY J. MORTON

JOHN A. MCCREERY

I. OGDEN WOODRUFF

CHARLES A. FLOOD

TEACHING STAFF, SCHOOL OF NURSING

DIRECTOR OF NURSING

HELEN YOUNG, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1912

PROFESSOR OF NURSING

MARGARET E. CONRAD, R.N.

B.A.: Mount Holyoke College, 1917
The Presbyterian Hospital School of Nursing
In the City of New York, 1920

ASSISTANT DIRECTORS

Nursing Administration

ARDIS E. DUGGAN, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1925

HELEN C. GOODALE, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1932
B.S.: Teachers' College, Columbia University, 1935

WINIFRED KALTENBACH, R.N.

B.A.: Smith College, 1909
The Presbyterian Hospital School of Nursing
In the City of New York, 1920

LOTTIE M. MORRISON, R.N.

The Roosevelt Hospital School of Nursing
In the City of New York, 1923

DOROTHY ROGERS, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1925
M.A. Teachers' College, Columbia University, 1934

MARGARET WELLS, R.N.

B.A. Wooster College, 1926
The Presbyterian Hospital School of Nursing
In the City of New York, 1929

RUTH C. WILLIAMS, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1917
B.S. Teachers' College, Columbia University, 1933

TEACHING STAFF, SCHOOL OF NURSING (*cont'd*)

EDUCATIONAL DIRECTOR

ELEANOR LEE, R.N.

A.B. Radcliffe, 1918

The Presbyterian Hospital School of Nursing
In the City of New York, 1920

Instructors

BERTHA M. DAVIS, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1925

M.A. Teachers' College, Columbia University, 1935

MARGARET ELIOT, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1921

MANOLA R. PHILLIPS

Sargent School of Physical Education, 1915

M.A. Teachers' College, Columbia University, 1930

RHODA F. REDDIG, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1928

HELEN L. ROSER, R.N.

B.A. Mount Holyoke College, 1925

The Presbyterian Hospital School of Nursing
In the City of New York, 1928

FLORENCE L. VANDERBILT, R.N.

The Presbyterian Hospital School of Nursing
In the City of New York, 1927

STAFF OF LECTURERS

Anatomy and Physiology

WILLIAM M. ROGERS, B.S., Ph.D.

Assistant Professor of Anatomy
College of Physicians and Surgeons, Columbia University

Bacteriology

FREDERICK B. HUMPHREYS, Ph.B., M.D.

Associate Professor of Bacteriology
College of Physicians and Surgeons, Columbia University
Associate Attending Bacteriologist, Presbyterian Hospital

Chemistry

MARIANNE GOETTSCH, A.B., M.A., Ph.D.

Instructor in Chemistry
College of Physicians and Surgeons, Columbia University

Materia Medica

HOWARD C. BRUENN, A.B., M.D., Med.Sc.D.

Instructor in Medicine
College of Physicians and Surgeons, Columbia University
Assistant Physician, Presbyterian Hospital

Medical Nursing

DAVID D. MOORE, A.B., M.D.

Instructor in Medicine
College of Physicians and Surgeons, Columbia University
Assistant Physician, Presbyterian Hospital

Medical Nursing Clinics

Resident in Medicine, Presbyterian Hospital

Surgical Nursing

LAWRENCE W. SLOAN, A.B., M.D.

Instructor in Surgery
College of Physicians and Surgeons, Columbia University
Assistant Attending Surgeon, Presbyterian Hospital

Surgical Nursing Clinics

RICHMOND L. MOORE, A.B., M.D.

Instructor in Surgery
College of Physicians and Surgeons, Columbia University
Assistant Attending Surgeon, Presbyterian Hospital

STAFF OF LECTURERS (*cont'd*)

FREDERICK M. SMITH, A.B., M.A., M.D.

Instructor in Surgery

College of Physicians and Surgeons, Columbia University
Assistant Attending Surgical Pathologist, Presbyterian Hospital

BARBARA B. STIMSON, A.B., M.D., Med. Sc.D.

Associate in Surgery

College of Physicians and Surgeons, Columbia University
Assistant Attending Physician, Presbyterian Hospital

CLAY RAY MURRAY, M.D.

Associate Professor of Surgery

College of Physicians and Surgeons, Columbia University
Associate Attending Surgeon, Presbyterian Hospital

Pathology

RUSSELL L. HOLMAN, A.B., M.D.

Instructor in Pathology

College of Physicians and Surgeons, Columbia University
Junior Assistant Pathologist, Presbyterian Hospital

Clinical Pathology

HOWARD G. BRUENN, A.B., M.D., Med. Sc.D.

Assistant in Medicine

College of Physicians and Surgeons, Columbia University
Assistant Physician, Presbyterian Hospital

Gynecological Nursing

CHARLES E. CAVERLY, A.B., M.D.

Associate in Obstetrics and Gynecology

College of Physicians and Surgeons, Columbia University
Associate Attending Obstetrician, Sloane Hospital

Urological Nursing

GEORGE WINTHROP FISH, A.B., B.S., A.M., M.D.

Assistant Professor of Urology

College of Physicians and Surgeons, Columbia University
Assistant Attending Surgeon, Presbyterian Hospital

Nursing in Diseases of the Ear, Nose and Throat

JAMES W. BABCOCK, Litt.B., A.M., M.D.

Instructor in Oto-Laryngology

College of Physicians and Surgeons, Columbia University
Attending Surgeon, Presbyterian Hospital

STAFF OF LECTURERS (*cont'd*)

Nursing in Diseases of the Eye

MAYNARD C. WHEELER, B.A., M.D.

Instructor in Ophthalmology

College of Physicians and Surgeons, Columbia University
Junior Assistant Ophthalmologist, Presbyterian Hospital

Psychiatric Nursing

IRVILLE H. MACKINNON, M.D.

Instructor in Psychiatry

College of Physicians and Surgeons, Columbia University
Senior Psychiatrist, New York State Psychiatric Institute

Nursing in Communicable Diseases

Lecturers from the Attending Staff of Willard Parker Hospital,
arranged by

B. WALLACE HAMILTON, M.D.

Associate in Diseases of Children

College of Physicians and Surgeons, Columbia University
President of the Medical Board, Willard Parker Hospital

Obstetrical Nursing

E. EVERETT BUNZEL, D.Litt., M.D.

Associate in Obstetrics and Gynecology

College of Physicians and Surgeons, Columbia University
Associate Attending Obstetrician, Sloane Hospital

JOHN M. BRUSH, B.S., M.D.

Instructor in Diseases of Children

College of Physicians and Surgeons, Columbia University
Assistant Attending Physician, Sloane Hospital

D. ANTHONY D'ESOP, Ph.B., M.D.

Associate in Obstetrics and Gynecology

College of Physicians and Surgeons, Columbia University
Assistant Attending Obstetrician, Sloane Hospital

Pediatric Nursing

RUSTIN MCINTOSH, A.B., M.D.

Carpentier Professor of Diseases of Children

College of Physicians and Surgeons, Columbia University
Director of Pediatric Service, Babies Hospital

STAFF OF LECTURERS (*cont'd*)

HERBERT B. WILCOX, A.B., M.D.
Professor of Diseases of Children
College of Physicians and Surgeons, Columbia University
Attending Pediatrician, Babies Hospital

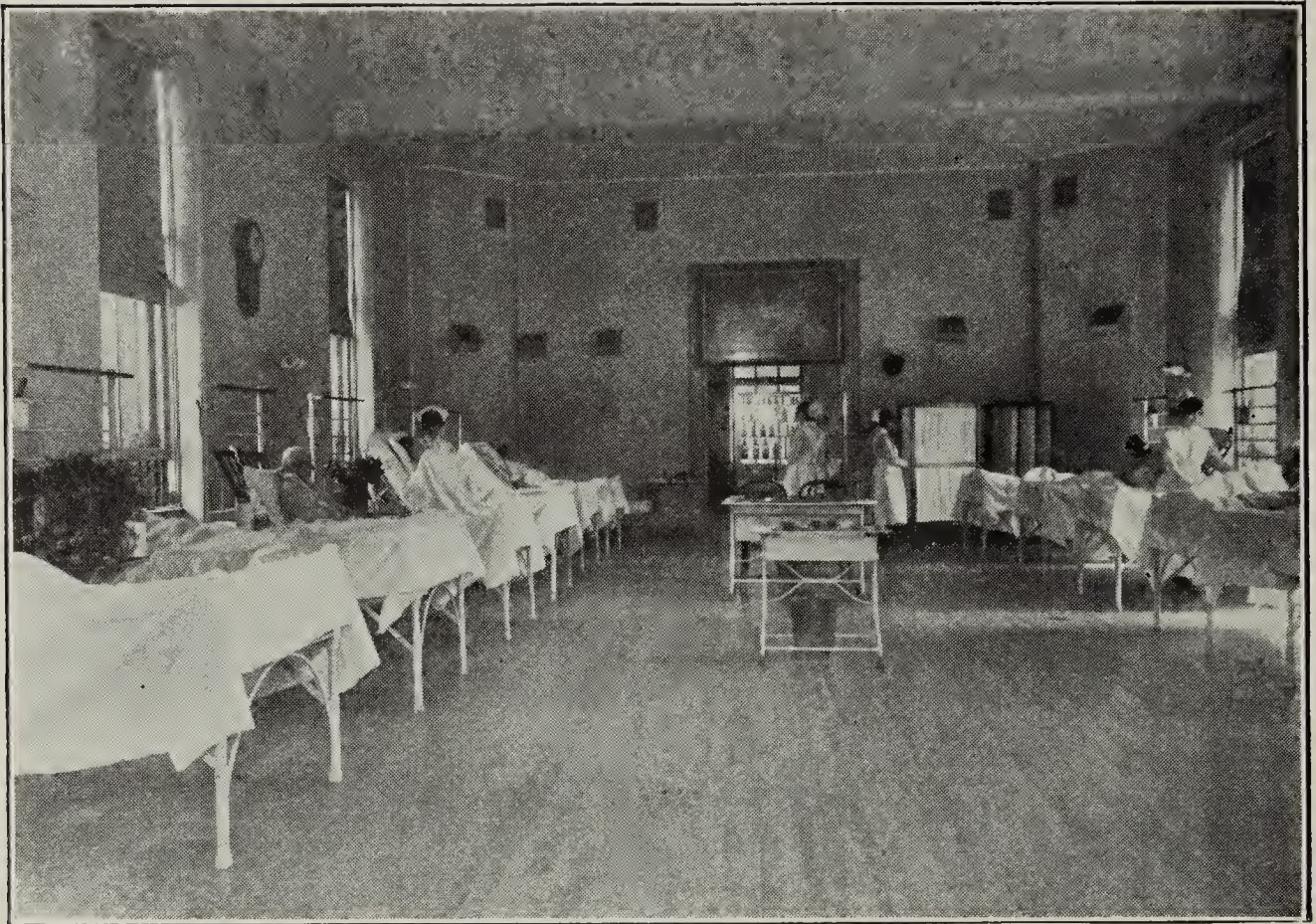
CHARLES L. WOOD, B.S., M.D.
Instructor in Diseases of Children
College of Physicians and Surgeons, Columbia University
Resident Physician, Babies Hospital

Massage
EDITH HANSEN, R.N.
Graduate Physical Therapy Technician
Chief Technician, Physical Therapy Department
Vanderbilt Clinic

Nutrition and Cookery
LOUISE STEPHENSON, B.S., M.S.
Teaching Dietician, Presbyterian Hospital

Social Service Conferences
MARY K. TAYLOR, B.S., M.A.
Educational Director
Social Service Department, Presbyterian Hospital





Medical Ward, Old Presbyterian Hospital

Brief History of the School

THE Presbyterian Hospital in the City of New York is a well known general hospital, offering valuable opportunities for the clinical education of nurses. The Hospital was founded in 1868 by a group of New York gentlemen whose object was the establishment of an institution "for the purpose of affording medical and surgical aid and nursing care to sick or disabled persons of every creed, nationality and color."

In 1892 the Board of Managers founded the School of Nursing of the Presbyterian Hospital. Miss Anna C. Maxwell, R.N., M.A., was the first Director of The School, establishing the plans for administration and instruction, and guiding it for thirty years. The Board of Managers later added the responsibility of affording clinical education for the medical students of the College of Physicians and Surgeons of Columbia University, and in 1921 a permanent affiliation between Columbia University and Presbyterian Hospital was established.

The Columbia-Presbyterian Medical Center moved to its

new location on 168th Street west of Broadway, in 1928. The site was the gift of Mrs. Stephen V. Harkness and her son, Edward S. Harkness. Both were generous contributors to the project at many points.

Special hospitals which joined in establishing the new Medical Center were Sloane Hospital for Women, Babies Hospital, Neurological Institute, Vanderbilt Clinic and the New York State Psychiatric Institute and Hospital. The Institute of Ophthalmology was opened in 1933.

In 1935, the College of Physicians and Surgeons assumed the responsibility for the educational program of the School of Nursing of the Presbyterian Hospital, under the direction of a Professor of Nursing who is a member of the Medical Faculty. This affiliation marks another step in the closer integration of the University and the Hospitals at the Columbia-Presbyterian Medical Center.

The program of education formulated by the Faculty of Medicine and the School of Nursing aims to combine the best nursing traditions with the essentials demanded by the present wide responsibilities of the nurse to society. Instruction in the fundamental medical sciences can best be given by the Faculty of Medicine. Well-equipped laboratories and practice rooms are at hand. The wards of the hospitals, both general and special, furnish a wealth of clinical material. The problems of the community in health or sickness are met during experience in the out-patient department and in visiting nursing.

A real opportunity, therefore, is open for the student nurse to acquire the knowledge and skill needed for a firm foundation in the nursing profession.



Anna C. Maxwell Hall, School of Nursing Residence

Educational Preparation

As the young women of the present day finish their academic education, they are becoming more and more anxious to take up some vocation or profession which will add a new and vital interest to their lives. They are being encouraged in this ambition by the high schools and colleges. Consequently, we find young women between the ages of fifteen and twenty-four entering many fields of activity.

Nursing is one of the professions which appeals strongly to these young graduates of high schools and colleges, since it is a normal vocation for young women. In recent years schools of nursing have so improved and enlarged their academic content, that they compare very favorably with other professional schools.

Many of these young women, unfortunately, do not ask advice concerning pre-nursing requirements until after they have graduated from the secondary schools. Consequently, they miss the opportunity of electing some subjects in their secondary or college education, which would be of great assistance to them in nursing. It is recommended that young women interested in nursing, consult a director of a school before choosing their electives. For the benefit of those who are unable to secure the necessary information, the following may be helpful:

Chemistry is a basic science for many of the subjects required in nursing. It is therefore most essential for a young woman considering nursing as a profession to elect chemistry in high school, and to continue this subject if she has the opportunity of going to college. Laboratory work must be included. The Presbyterian Hospital School of Nursing considers this subject so important that it is required of all students entering the School.

Latin is a subject not always included in a general education, but most helpful in this profession since the vocabulary of medicine is based very largely on this language.

The general electives should be in such subjects as mathematics, science, history and languages.

The Nursing Course

Admission Requirements

Candidates for admission to the School of Nursing must be between the ages of eighteen and thirty-five years, and must present a record of good health.

Arrangements have been made for the admission of students for the course leading to the professional diploma of the School, as follows:

1. High School graduates:—those candidates who have been graduated from high schools or private schools giving a course of instruction equivalent to the high school course, may enter for the three-year course.
2. College graduates:—those candidates who have been graduated from accredited colleges for women and who have included in their course of study the basic sciences relating to nursing education, may enter for the professional diploma of the School of Nursing to complete their course in two years and three months provided their general average is sufficiently high. This concession of one full academic year, or nine months of hospital service, is given in the belief that the college woman, having developed powers of observation and concentration by means of a good scientific background, will be able to master the content of the course in a shorter period.

All candidates are required to make formal application in writing on the blanks furnished by the School.

The application must be accompanied by these additional papers:

1. Personal letter, giving brief autobiographical sketch, with emphasis on educational advantages and special interests.
2. Two letters of recommendation from persons other than relatives who have known the applicant for some time, and can testify to her good character and qualifications for the profession of nursing.
3. A certificate of health (blank furnished by the School) based on physical examination by the applicant's own physician, and testifying to sound health and absence of physical handicaps.

4. A dental certificate (blank furnished by the School) including a report of recent dental x-rays.
5. Registration fee of \$10.00, payable to the Presbyterian Hospital.
6. A passport photograph, unmounted. Snapshots are not acceptable.

An acknowledgement of the application will be sent when all the data required is at hand.

The applicant's scholastic record will then be secured by the School of Nursing from the high school or college. A general average of 80% is required together with a standing in the upper third of the class.

An appointment for a personal interview and aptitude tests, and for the physical examination by the School Physician, will be made, probably within six months of the desired date of entrance.

An official transcript of the academic record must be submitted by the School of Nursing to the New York State Education Department, as all students in registered schools of nursing must be approved by the Department. This form is known as the Nurse Student Qualifying Certificate Application, and is furnished by the Department to the school of nursing. All necessary instructions will be given with this blank.

Instructions about uniforms and equipment will be sent following the final decision about acceptance.

An applicant living at too great a distance to arrange for the preliminary interview and examination, is accepted on condition that she meet all requirements at the time of admission. Failure to do so will necessitate immediate withdrawal. She should, therefore, come financially prepared to return home in case such a situation arises.

Sessions

Classes are admitted in February for the spring session and in September for the winter session.

Expenses

All applications must be accompanied by the registration fee of \$10.00.

The tuition fee of \$100.00, payable two weeks before entrance, is required of all students. Of this amount \$50.00 may be refunded at the discretion of the Director if the student does not remain one month. Checks should be made payable to the Presbyterian Hospital. No other tuition, laboratory or breakage fee is charged.

During the preliminary term the student provides her own uniforms and other required equipment. The cost of these items is approximately \$50.00. After acceptance, uniforms are provided by the School.

The School also supplies students with all necessary text books, instruments, etc.

Students are allowed maintenance and a reasonable amount of laundry from date of entrance.

A minimum of ten dollars a month has been found to be the amount necessary for personal expenses by most of the students in the School.

Discipline

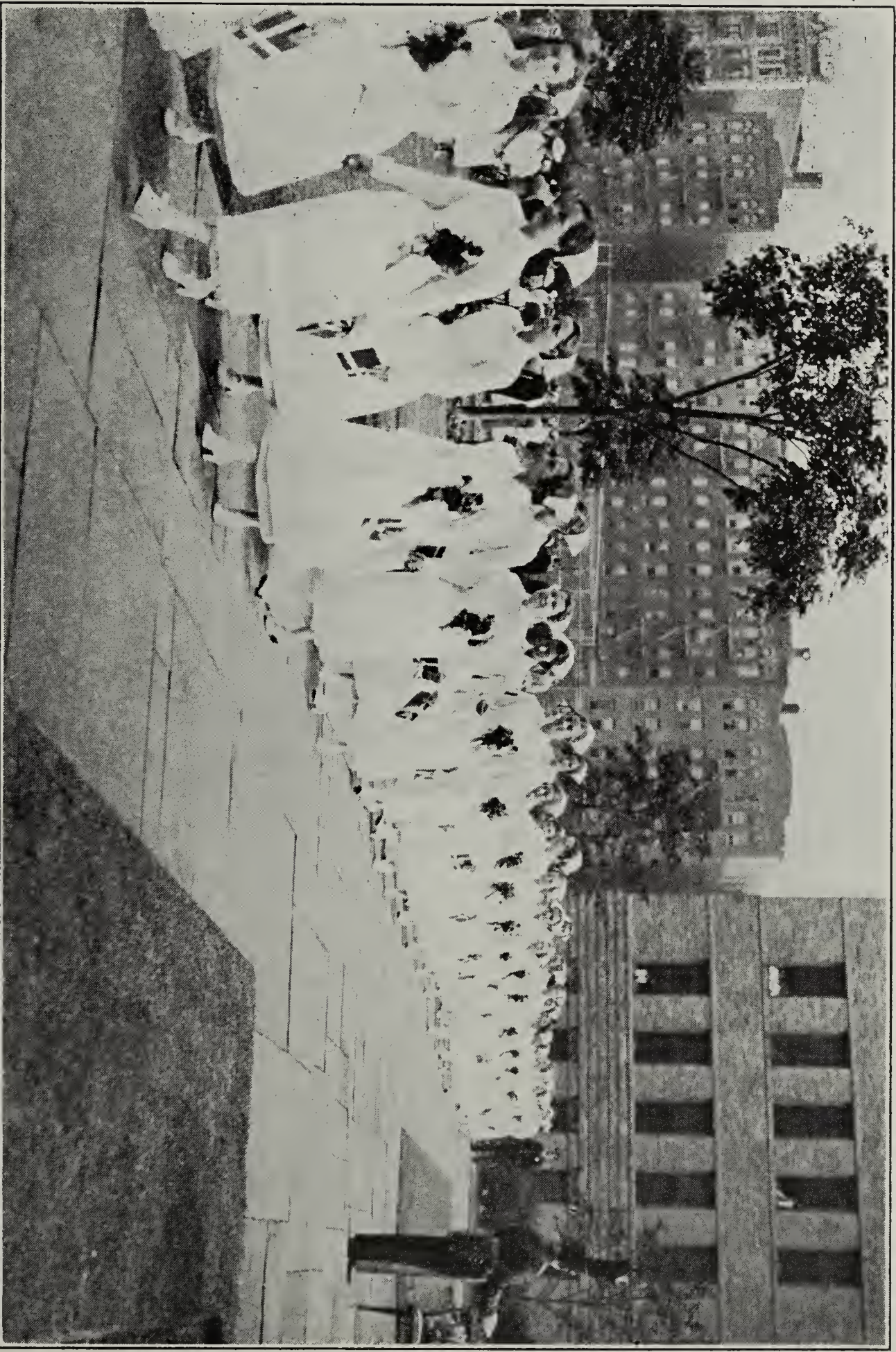
The continuance of a student upon the rolls of the School of Nursing is strictly subject to such exercise of the disciplinary power of the Professor of Nursing and the Teaching Staff, as may be necessary to enforce the rules of the Department of Nursing and the Hospital. In the exercise of the disciplinary power, the student's conduct outside as well as inside the School will be taken into consideration.

The Department of Nursing reserves the right to refuse continuance upon the rolls of the School, or promotion, of any student who is believed for any reason to be unsuited to the conditions of study in this school.

Graduation

The diploma of the School is awarded to those who have passed all examinations and completed satisfactorily the full course in nursing.

The diploma admits the graduate to membership in the Alumnae Association of the School of Nursing of the Presbyterian Hospital in the City of New York. She thus becomes a member of the American Nurses' Association and eligible for membership in the American Red Cross Nursing Service.



Courtesy The News, New York's Picture Newspaper
The Class of 1935 on Its Way to Maxwell Hall After the Graduation Exercises

Registration

A registered school of nursing is one which meets the educational requirements of the Board of Regents of the University of the State of New York. Having met these requirements its graduates are eligible for the examination of the Board of Regents. These examinations are held three times a year (January, May and September) under the direction of the Department of Education of New York State. After passing these examinations the graduate nurse becomes a Registered Nurse (R.N.). The Presbyterian Hospital School of Nursing is a registered school, and its graduates are eligible for registration.

Opportunities

After graduation, opportunities are open to nurses in many different fields.

While the demand for the private duty nurse (caring for one patient in the hospital or home) is not as great as formerly, her position has never been more important. A keen and sympathetic nurse with understanding of the possibilities of her vocation in private duty may make a real contribution, not only in nursing care but also in health teaching.

Specialization in various clinical fields is possible by means of post-graduate courses.

Many universities give academic courses for those wishing to prepare themselves for executive or teaching positions in schools of nursing or hospitals.

Public Health is a large field including school and industrial nursing, and visiting nursing both in city and country districts.

The Department of Nursing Education of Teachers' College, Columbia University, offers to the graduate nurse (providing she can meet the entrance requirements) the opportunity of pursuing her studies in the nursing profession and working towards the degree of Bachelor of Science. Advanced standing amounting to a year or more is given for the work done in a registered school of nursing of approved standards. Students who have graduated from a recognized college may work towards a Master of Arts Degree.



A Student Nurse's Room

General Information

Residence

Anna C. Maxwell Hall, 179 Fort Washington Avenue, is the residence of the School of Nursing. It is a modern building of fireproof construction, overlooking the Hudson River and connected by an underground passage with the other buildings of the Medical Center. Living rooms, recreation facilities, the dining room and study hall are located in this building. There are ten bedroom floors. Each student has a single room with running water. Every effort has been

made to create a homelike atmosphere and wholesome living conditions.

Student Activities

Opportunities are provided for exercises and recreation through the use of the swimming pool, exercise room and tennis courts. Under the direction of the Physical Education Instructor of the School of Nursing, classes are given in swimming, dancing, corrective gymnastics, tennis, etc.

The program is planned to meet the individual needs and interests of the student and to provide a more worthy use of leisure time. It is a recreational rather than a classroom program but each student is required to participate in one or more of these activities.

The students are organized and governed by a Student Government Association with faculty advisors. Each class has also its own organization and officers. A monthly newspaper, known as *Student Prints*, is published by the students. Other activities include a Dramatic Club, Lending Library, and the Forum Club which plans for discussions on present day social and religious questions.

Students are encouraged to make use of the many opportunities offered in the City of New York for the enjoyment of music, art and other intellectual pursuits.

Health

The health of the student is closely supervised. A careful record is kept of hours of sleep and recreation. A physical examination, together with any laboratory investigation which may be indicated, is done once each year by the School Physician, or more frequently if necessary.

All students when ill are cared for by the hospital and treated gratuitously by the School Physician or Surgeon. Each student will be expected, however, to meet the expenses of any dental care.

Students are required to make up time lost through illness in excess of thirty days and all time lost for any other cause whatsoever.



Tea by the Fireside in Anna C. Maxwell Hall, Showing Miss Maxwell's Portrait

Fifteen days will be allowed to each student who maintains a perfect health and attendance record, including attendance at classes.

A student entering with the nine months' credit for her college degree will be allowed twenty days' illness and an additional ten days for perfect attendance including classes.

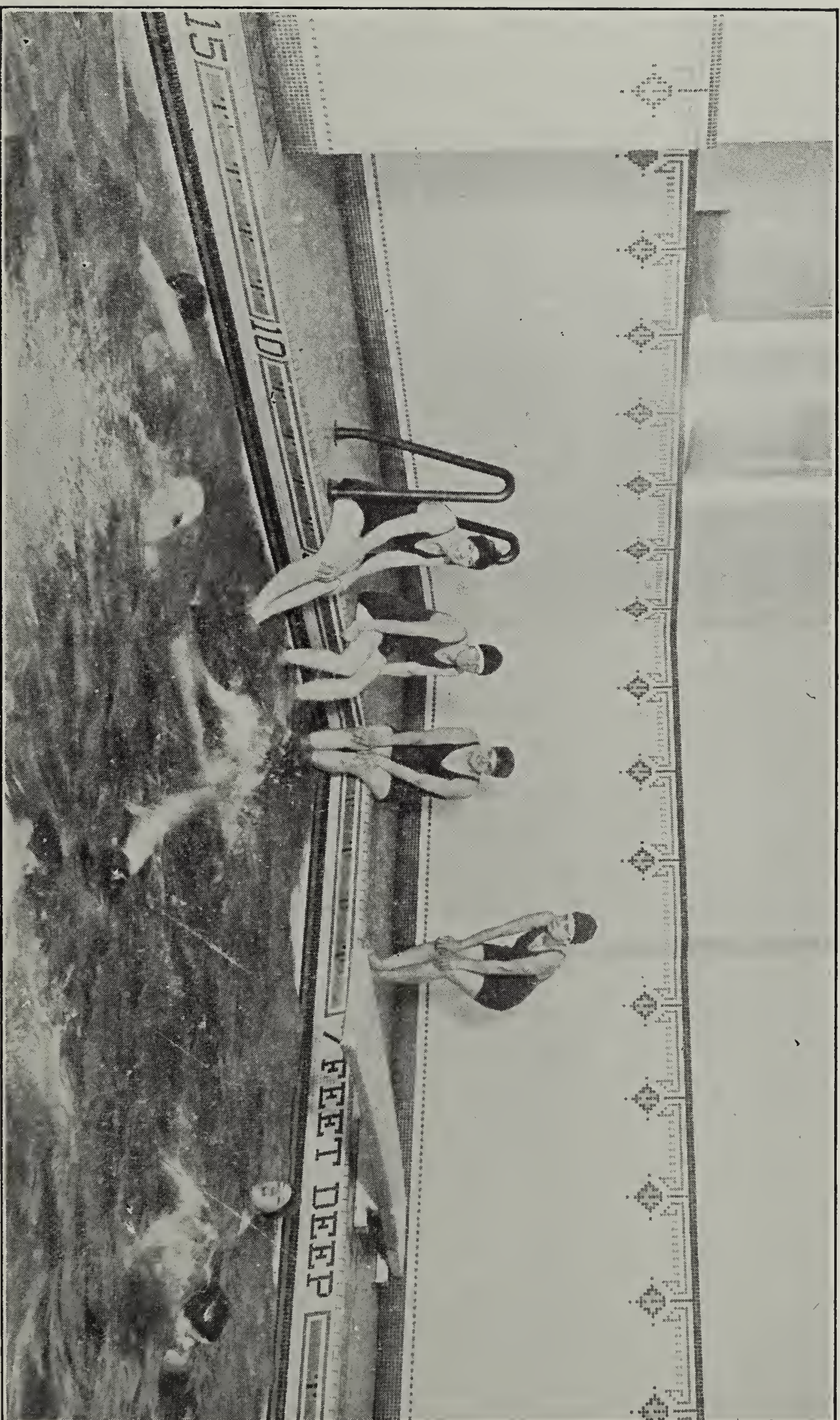
Vacation

A period of four weeks' vacation is allowed each student twice during the three-year course (i.e., end of first and second years). To the student entering with nine months' credit for her college degree only one period of four weeks is allowed. The dates at which vacations are given are subject to the necessities of the School and Hospital.

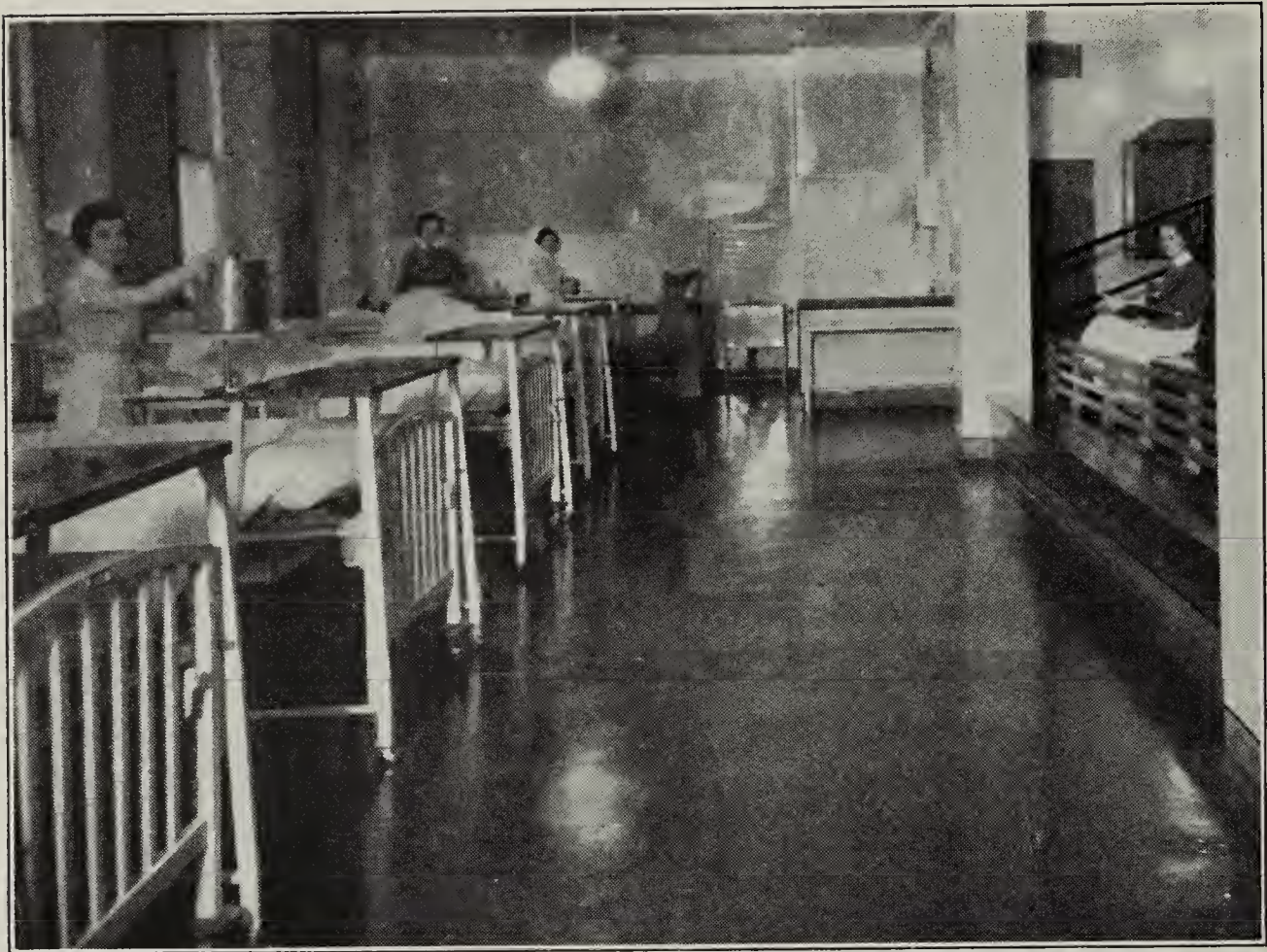
Religion

The School is non-sectarian. Hours on duty are so arranged that each student may attend the place of worship she prefers at least once on Sundays. Morning Prayers are held each day and all students reporting on duty are required to attend.





A Corner of the Swimming Pool, Anna C. Maxwell Hall



Nursing Practice in the Demonstration Room

Plan of Instruction

The course of instruction covers three years, being divided into Preliminary, Freshman, Junior and Senior terms.

During the first four months of the Preliminary Term no duty on the hospital wards is required of the student, except for teaching purposes. All instruction, study and practice takes place in classrooms provided for this purpose. Following this period of intensive study, the student is gradually introduced to the general care of the sick on the wards. After two months of this latter duty the student is in a position to decide whether or not she is justified in choosing nursing as a profession. She is then given the opportunity of joining the School if she meets the requirements.

During the period in which she is a member of the School her instruction in classroom and practical work on the wards will be continued coordinately. Each student is on duty eight hours a day including the time spent in the classrooms. On Sunday and one other day each week the time on duty is limited to six hours.

For the past ten years a block system of instruction has been used, concentrating the classroom instruction into three definite periods:

Preliminary Term	16 weeks
Freshman Term	10 weeks
Junior Term	6 weeks

The advantages of such an arrangement are:

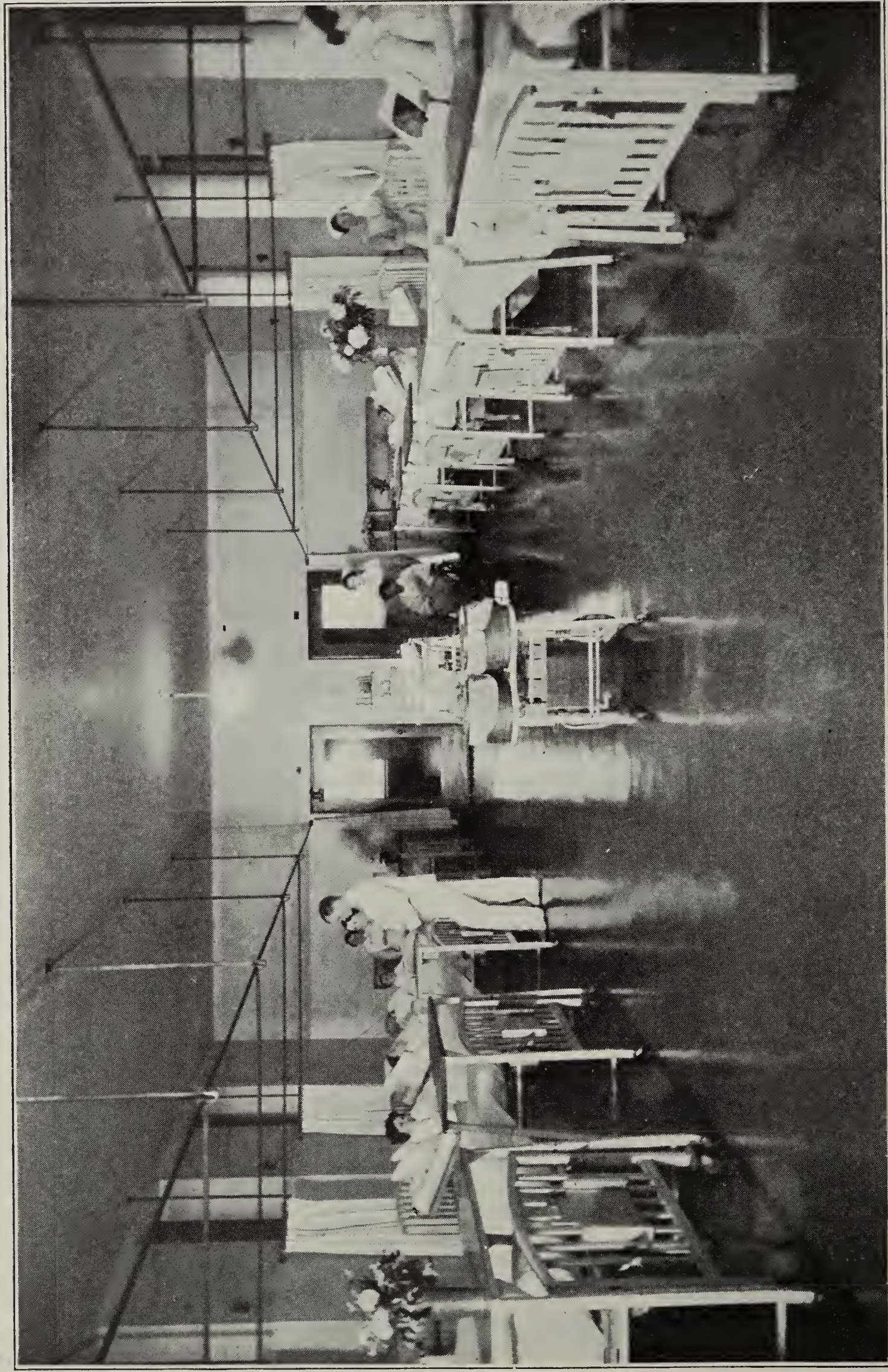
- (1) The students are not on night duty while going to class.
- (2) The time spent at class is included in the eight hours on duty so that the number of hours on the ward and the responsibilities given are decreased. This results in better grades, better health and fewer absences.
- (3) In planning the students' experience in the various services, especially affiliations and vacations, the outline of the block system is used.

The student completes the three blocks of instruction in her first year and a half in the School. It is at this point in her course that she begins her special services, including two months operating room, two months out-patient department, three months obstetrics at Sloane Hospital and three months pediatrics at Babies Hospital. In the special services the classes are correlated with the practical experience.

In addition to the classroom periods, each student receives valuable instruction on the wards. Nursing procedures previously taught in the classroom are demonstrated by one of the graduate staff, followed by a supervised demonstration by the student. Clinics are given by doctors on the medical and surgical wards once a week at which attendance is required, and all student nurses on that particular service attend. Each student writes one case study every month.

The first clinical assignments are to the general medical and surgical wards, where the student obtains her actual experience in the fundamentals of nursing care.

The required clinical experience in operating room technique is given in the operating rooms connected with the various surgical specialties.



Women's Surgical Ward, Columbia Presbyterian Medical Center

A special program of instruction in the Vanderbilt Clinic (the Out-Patient Department of the Columbia-Presbyterian Medical Center) is given each student during her two months' service there. Supervision of this teaching program is assigned to a special instructor.

Optional Affiliations

Three elective affiliations are offered during the senior year. In acting upon a student's request for these special courses, consideration is given to her general standing in the School as well as to her plans for the future.

(1) Two months of field experience in Public Health Nursing under the supervision of the Henry Street Visiting Nurse Service is open to a limited number of students. This introductory field experience includes observations as well as supervised practice in caring for patients in their homes. The theoretical instruction is given by the Education Department of the Henry Street Visiting Nurse Service. The program covers the curative, preventive, educational and social aspects of family health service, which tends to cultivate the ability of the student to understand many community problems, often so closely connected with nursing.

(2) A three months' course in psychiatric nursing is available at Bloomingdale Hospital for Mental Diseases in White Plains, N. Y.

(3) A three months' course in communicable diseases is given at Willard Parker Hospital, New York City.

Academic Requirements

The passing grade of the School of Nursing is seventy-five per cent (75%) in each subject, according to the standard set by the Regents of the University of the State of New York.

Quizzes and examinations are given frequently. Failure to obtain a passing grade will be sufficient reason for asking a student to repeat the course or resign from the school.



The South Library, Anna C. Maxwell Hall

Teaching Equipment

A fully equipped demonstration room and two practice rooms are located in the main hospital building. Adjacent to these is a lecture room with a lantern screen. Instruction in invalid cookery is given under the direction of the Department of Nutrition of the Hospital in a special laboratory equipped for teaching purposes. The amphitheater and laboratories of the School of Medicine are available for instruction in anatomy, bacteriology, chemistry, materia medica and pathology.

A reference library, a study room and an auditorium are located in Anna C. Maxwell Hall. It is possible through the use of the "Anna C. Maxwell Reference Library Fund" to keep the reference library supplied with the latest editions of approved reference books. The library of the School of Medicine of Columbia University is available to those desiring advanced professional study.

Outline of Instruction

Preliminary Term

ANATOMY AND PHYSIOLOGY 95 Hours

A study of the normal structure and function of the human body from the standpoint of nursing. Lectures—illustrated by lantern slides and demonstrations; laboratory work, dissections and demonstrations, class discussion.

BACTERIOLOGY 30 Hours

An elementary course covering the general principles of applied microbiology, immunology, sterilization and bacteriologic technique. Special emphasis is placed on prophylaxis and common pathogenic bacteria.

Lectures, laboratory exercises, and class discussion.

CHEMISTRY (Including Drugs & Solutions 75 Hours

A course in inorganic, organic and physiological chemistry as related to physiology, microbiology, nutrition, materia medica and the clinical subjects.

Laboratory work including demonstrations, supplemented by class discussion and lecture.

The satisfactory completion of a course in general chemistry, including laboratory work, is a prerequisite for admission to the School of Nursing.

The unit of drugs and solutions includes practice in using the metric system of weights and measures, the apothecary system, and the calculation and preparation of solutions commonly used in nursing. A study of the terms and symbols used in *Materia Medica*, an introduction to the study of drugs, pharmaceutical preparations used on the wards, and the accurate administration of drugs are included.

PERSONAL HYGIENE 15 Hours

Discussion of the necessity of studying how to live; the place of recreation in life; the essentials of physical hygiene, and the importance of mental attitudes in maintaining a well balanced life.

PHYSICAL EDUCATION 30 Hours

An orientation course in activities to assist the student to select an activity that she will enjoy continuing.

Physical education is required during the

three-year course, but activities are elective after the Preliminary Term.

Activities offered for class work and recreation are: swimming, tennis, dancing, gymnasium games such as volley ball, paddle tennis, hand ball, ping pong, etc.

**COMMUNITY
HEALTH**
15 Hours

An elementary course in the relation of sanitary conditions to health, with emphasis on public health education. This course runs parallel to bacteriology. Some of the topics discussed are: water supply, disposal of waste, and control of milk and food supplies.

Lectures, class discussion, and excursions (to the American Museum of Natural History, Sheffield Farms Model Dairy at Pompton Lakes, etc.).

**NUTRITION
AND
COOKERY**
60 Hours

A study of normal nutrition, food sources, classification, composition and nutritive value. This course deals with the physiological processes of digestion and metabolism. Special emphasis on requirements or standards for a normal diet; planning of typical diets.

Lectures and class discussion.

Laboratory work (38 hours) includes the preparation of simple foods for invalid diets and the using of them as a basis for regular hospital diets. Laboratory lessons are conducted on a "meal basis" plan, i.e., preparing several suitable foods for a breakfast tray.

**ETHICS OF
NURSING**
20 Hours

This course deals with the present scope of nursing, the relation of the hospital to the community; hospital etiquette and discipline; principles of self-government; and the attitude of the nurse toward patients, physicians, and co-workers.

**ELEMENTARY
NURSING
PRACTICE**
Principles and
Practice of
Nursing
175 Hours

The course consists of demonstrations of nursing procedures and the explanation of the underlying principles. These demonstrations include bed-making, baths, care of the patient's surroundings, simple treatments, etc. In all of these classes emphasis is placed on the patient and the attitude of the student nurse toward the patient. Parallel with these demonstrations there is supervised practice in the

class rooms throughout the course and on the wards during the last half of the term.

**Hospital
Housekeeping
10 Hours**

Special details of hospital construction and equipment as related to efficiency of service, interior furnishings and finishings, heating, ventilating, lighting and plumbing systems. Cleaning processes, disposal of garbage and waste, refrigeration, purpose and plan of laundry, linen and sewing rooms, and system of linen distribution.

**Bandaging
15 Hours**

This course is planned to give a comprehension of the fundamental principles of good bandaging, as a basis for all future practice in connection with surgical and orthopedic work, and to develop a fair degree of manual dexterity and skill in the application of the simpler bandages.

**Principles of
Massage
16 Hours**

A study of the history of massage, nomenclature, and fundamental manipulations, the physiological effect and therapeutic uses. Class practice of general and local massage, also observation in the Physical Therapy Clinic.

Freshman Term

**ETHICS OF
NURSING
8 Hours**

A continuation of the study of hospital etiquette and discipline.

**ELEMENTS OF
PATHOLOGY
15 Hours**

A study of the principal causes leading to disease, the nature of disease processes, the meaning of terms used in describing pathological conditions, and the importance of the various methods of clinical diagnosis. An understanding of the diagnostic measures will enable the nurse to observe symptoms more accurately, to apply treatments with more intelligence, and to cooperate with greater confidence with the physicians in tests and experiments used in the treatment of patients in the wards. Lectures, demonstrations and laboratory work.

**ELEMENTS OF
PSYCHOLOGY
15 Hours**

A brief survey of the principles underlying human behavior. An attempt is made to teach the student to make better adjustments in every-day life through a sympathetic and im-

personal understanding of the motives of conduct.

Lectures by a nurse instructor, class discussion and projects.

**MEDICAL
NURSING
30 Hours**

A study of the causes, symptoms and treatments of various types of medical diseases. Lectures and clinics by physicians, followed by classes or demonstrations by a nurse instructor. This course is supplemented by ward clinics held each week on the medical wards.

**SURGICAL
NURSING
30 Hours**

A study of the nature, causes, symptoms and treatments of the principal surgical conditions. Lectures and clinics by surgeons followed by nursing classes or demonstrations as in Medical Nursing. Special emphasis is given to surgical technique. This course is supplemented by ward clinics held each week on the surgical wards.

**ADVANCED
NURSING
PRACTICE
20 Hours**

In this course the advanced nursing procedures applied to medical and surgical nursing are demonstrated by the Instructor of Nursing Practice. These demonstrations are followed by supervised practice in the classroom as well as on the wards.

**MATERIA
MEDICA
30 Hours**

A continuation of the study of drugs from the standpoint of their therapeutic action, emphasizing the accurate and intelligent administration of medicines, and the observation of their effect. Classes are conducted by a physician and a nurse instructor, and include demonstrations of the action of drugs, and clinics on the medical and surgical wards.

**DIETOTHERAPY
15 Hours**

The role of diet in the treatment of disease. The course is correlated with medical and surgical nursing. Class discussion, lectures and practice in calculating diets. Case studies are used as a basis for class discussion and study.

**SOCIAL
SERVICE
CONFERENCES
10 Hours**

A series of ten conferences has been arranged with the Social Service Department. The aim of this course is to emphasize to the student nurse some of the social and economic factors which have an important bearing on the patient's condition—both as to cause and effect. Methods of teaching include study,

presentation and discussion of illustrative cases, and collateral reading discussed in class. Each student makes a visit with a Social Service worker to observe home conditions in order to understand the background of her patients.

Junior Term

ETHICS OF NURSING 6 Hours

A continuation of the study of hospital etiquette and discipline.

SURGICAL SPECIALTIES Gynecological Nursing 10 Hours

A study of both medical and surgical aspects of gynecological diseases, the pathology of the pelvis, treatments, operations, etc. Weekly classes coincide with the student's month of clinical experience.

Urological Nursing 4 Hours

Lectures and demonstrations on the principal diseases of the genito-urinary tract. Each student has one month's experience on the urological service where a regular program of teaching is given.

Operating Room Technique 10 Hours

A brief history of surgery and the meaning of aseptic technique. Other topics included are: the equipment of an operating room, instruments, methods of sterilization for the various materials used in preparing for operations, transfusions, etc. These classes are given by the supervisor of the operating room. The student continues her study during her two months' experience in the operating room.

Four lectures on anaesthesia are conducted by the chief nurse anaesthetist.

NURSING IN COMMUNICABLE DISEASES 18 Hours

Lectures are given by specialists in the communicable diseases, describing the early recognition of symptoms and importance of good nursing care. The nurse's responsibility and opportunities for preventive work are stressed. Nursing classes and demonstrations of isolation technique are given by nurse instructors.

NURSING IN DISEASES OF EAR, NOSE, AND THROAT 7 Hours

Lectures include a review of the anatomy and physiology of the ear, nose and throat, and the care and treatment of some of the diseases of these organs, followed by a class with demonstrations of nursing procedures.

**NURSING IN
DISEASES
OF THE EYE**
9 Hours

This course deals with the anatomy and physiology of the eye, a few of the common diseases and their treatment. The preventive aspect is stressed. Classes are held in the Institute of Ophthalmology. Illustrated lectures, class discussion.

**PSYCHIATRIC
NURSING**
20 Hours

Lectures dealing with the relationship between mental and physical illness. The aim of the course is to develop a proper attitude toward mentally ill patients. The underlying causes of some common mental diseases are discussed with special emphasis on the part of the nurse in preventive work.

These classes are held at the New York State Psychiatric Institute where clinics and demonstrations of hydrotherapy and other teaching facilities are conducted.

**HISTORY OF
NURSING**
15 Hours

A study of nursing history to cultivate an understanding and appreciation of nursing traditions and ideals, the stages of development through which nursing has passed, the people and influences which have molded the profession to its present form.

Lectures illustrated by lantern slides. Recitations, reports on collateral reading, and individual projects.

**REVIEW OF
NURSING
PRACTICE**
6 Hours

This course consists of demonstrations given by the students themselves. The instructor of nursing practice selects certain of the more important procedures previously taught. Each student gives one demonstration and discussion to the class and instructor.

Senior Term

**OBSTETRICAL
NURSING**
65 Hours

Lectures and clinics by obstetricians, classes and demonstrations by a nurse instructor, given at Sloane Hospital for Women, one of the units of the Medical Center.

**PEDIATRIC
NURSING**
65 Hours

The aim of this course is to give the student some understanding of normal and abnormal conditions of childhood and to teach her the techniques necessary for the nursing of sick children. The students receive instruction in the classroom and at the bedside in addition to

supervision of practice on the wards and in the Vanderbilt Clinic.

Instruction in the various phases of nursing of children is given by pediatricians, nurse instructors, dietitians, and a nursery school teacher at the Babies Hospital, one of the units of the Medical Center.

**SURVEY OF THE
NURSING FIELDS
AND RELATED
PROFESSIONAL
PROBLEMS**
25 Hours

Lectures given by representatives of different fields of health work, stating their main problems and responsibilities. The object of the course is to introduce the student nurse to the varied branches of nursing, in order that she may select with greater intelligence the particular field in which she is likely to find the greatest interest and success.

**NURSING
PRACTICE**
6 Hours

The aim of this course is to prepare the senior nurse to meet situations in nursing outside the hospital. The students are given individual projects with the understanding that in demonstrating them they will use only such equipment as is found in a home or summer camp.



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